

Title (en)
NOZZLE ASSEMBLY WITH TARGETED SPRAY DISTRIBUTION

Title (de)
DÜSENANORDNUNG MIT GEZIELTER SPRÜHVERTEILUNG

Title (fr)
ENSEMBLE BUSE À DISTRIBUTION DE PULVÉRISATION CIBLÉE

Publication
EP 4110479 A4 20240320 (EN)

Application
EP 21761564 A 20210225

Priority
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• IB 2021051580 W 20210225

Abstract (en)
[origin: WO2021171219A1] A grate assembly includes a grate and a nozzle. The grate includes a nozzle aperture. The nozzle is received by the nozzle aperture. The nozzle includes a base and a baffle coupled to the base. The base and the baffle define a plurality of flow paths. The nozzle also includes a deflector ring removably positioned between the baffle and the base. The deflector ring includes a body that defines a spray outlet, wherein the body allows fluid flow through one or more flow paths aligned with the spray outlet and prevents fluid flow through the remaining flow.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
• [XY] US 4625917 A 19861202 - TORNEY GARY D [US]
• [Y] US 2020023215 A1 20200123 - FEENSTRA SHAWN J [US], et al
• See also references of WO 2021171219A1

Designated contracting state (EPC)
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